AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (**Currently Amended**) A device for inducing motion [[on]] of fluids or solids, the device comprising: a circular structure with a deformable circular sheet compressed to form a continuous structural axially symmetric wave; and an actuator for actuating the deformable circular sheet and driving the structural wave in a predetermined manner and in a direction about the sheet axis.

2-4 (**Cancelled**)

5. (Original) The device of claim 1, wherein a first wall is provided against the deformable sheet so as to define a first conduit between the first wall and the deformable sheet.

6. (Original) The device of claim 5, wherein the first conduit is provided with an inlet and an outlet.

7. (Original) The device of claim 5, further provided with a second wall positioned opposite the first wall, with the deformable sheet between the walls, the second wall defining a second conduit between the second wall and the deformable sheet.

8. (Original) The device of claim 7, wherein the second conduit is provided with an inlet and an outlet.

9. (Original) The device of claim 1, wherein the actuator is selected from the group consisting of electrostatic actuators, piezoelectric actuators, thermoelastic actuators and magnetic actuators.

10. (Previously presented) The device of claim 1, wherein at least a part of the device is made from silicon.

11. (**Currently Amended**) A method for inducing motion **[[on]]** of fluids or solids, the method comprising: providing a structure with a deformable circular sheet formed to present a continuous structural axially symmetric wave; and using an actuator to displace the structural wave about the sheet axis, thereby imparting displacing forces on an adjacent fluid or solid so as to displace said adjacent fluid or solid about the sheet axis.

12. (Original) The method of claim 11, wherein the actuator is operated to continuously displace the structural waves.

13-15 (**Cancelled**)

16. (Original) The method of claim 11, further comprising providing a first wall against the deformable sheet so as to define a first conduit between the first wall and the deformable sheet.

17. (Original) The method of claim 16, further comprising providing the first conduit with an inlet and an outlet.

18. (Original) The method of claim 16, further comprising providing a second wall positioned opposite the first wall, with the deformable sheet between the walls, the second wall defining a second conduit between the second wall and the deformable sheet.

19. (Original) The method of claim 18, further comprising providing the second conduit with an inlet and an outlet.

20. (Original) The method of claim 11, wherein actuation of the deformable sheet is selected from the group consisting of electrostatic actuation, piezoelectric actuation, thermoelastic actuation and magnetic actuation.

21-22. (cancelled)